

NASA/MSFC

Annual Honors Day Ceremony

June 1, 2005
Morris Auditorium
10 a.m. and 2 p.m.

Foreword



It is an honor to welcome you to Marshall Space Flight Center and our Annual Honors Day Ceremony. We are pleased you are here to share in this important event. The Annual Honors Day Ceremony highlights the outstanding contributions of members of the Marshall Team — contributions that benefit the Agency and America's space program.

During 2004, Marshall Team members, civil servant and contractor, distinguished themselves by working hard as individuals and in specially formed teams. Their work enabled the Center and the Agency to carry out its mission. As you read through this book, you will note the many awards being presented based on outstanding work; however, most importantly we are honoring the personal and professional values that empower outstanding accomplishments.

The NASA Values are simple, yet powerful: We are dedicated to the values of Safety, The NASA Family, Excellence, and Integrity. We aspire to achieve these values in everything we do. We commit ourselves to the hard work ahead to realize these values. Once we achieve them, we will be vigilant in upholding them. It is the internalization of these values and demonstrating them through behavior, attitude, and work ethic that allows Marshall and the Agency to be successful.

Today's honorees have demonstrated through their behavior, attitude, and work ethic an intrinsic motivation to excel in their given discipline. They are helping to pave the way to an exciting future — The Vision for Space Exploration. The Vision is all encompassing, touching every aspect of the Center. Preparing for the Vision requires that we work diligently in leadership, management, engineering, education, science, financial management, and all Agencywide initiatives. Today's honorees have literally had a hand in all areas. Many have made personal sacrifices to stay the course to get the job done. Today is a small way to say "thank you."

I am proud to be a part of the NASA Family, and I am especially proud to lead Marshall Space Flight Center. Congratulations to all of the 2005 honorees!

A handwritten signature in dark ink, reading "David King". The signature is stylized with a large, sweeping "D" and a long, horizontal stroke.

David King
Director

Contents

Program 10:00 a.m.	1
Presidential Rank Awards.....	3
NASA Distinguished Service Medal.....	3
NASA Distinguished Public Service Medal.....	4
NASA Outstanding Leadership Medal.....	4
NASA Exceptional Engineering Achievement Medal	5
NASA Exceptional Scientific Achievement Medal	5
NASA Equal Employment Opportunity Medal	5
NASA Exceptional Service Medal.....	5
NASA Exceptional Achievement Medal	6
NASA Exceptional Technology Achievement Medal	7
NASA Public Service Medal.....	7
NASA Group Achievement Award	8
NASA Public Service Group Achievement Award	9
Award External to NASA.....	9
One NASA “Center Best” Peer Award.....	9
 Program 2:00 p.m.	 11
MSFC Director’s Commendation Certificate	12
MSFC Certificate of Appreciation	13
MSFC Group Achievement Award.....	14
MSFC Research and Technology Award	14
MSFC Technology Transfer Award	14
MSFC Patent Award	15
MSFC Invention of the Year Award.....	15
MSFC Software of the Year Award.....	15
 Acknowledgements.....	 17

Master of Ceremonies

Larry Lechner
COLSA Corporation

Program

10 a.m.

Prelude

America the Beautiful

Audience

Kim Jones/Engineering Directorate

Welcome

Introduction of Keynote Speaker

David A. King

Director

Keynote Address

James L. Jennings

Associate Deputy Administrator for Institutions and Management

Entertainment

Rick and Elizabeth Jones

Southern Elegance Dance Studio

Video Presentation

Order of Presentation

Presidential Rank Awards
NASA Distinguished Service Medal
NASA Distinguished Public Service Medal
NASA Outstanding Leadership Medal
NASA Exceptional Engineering Achievement Medal
NASA Exceptional Scientific Achievement Medal
NASA Equal Employment Opportunity Medal
NASA Exceptional Service Medal
NASA Exceptional Achievement Medal
NASA Exceptional Technology Achievement Medal
NASA Public Service Medal

Presenters

Charles B. Chitwood

Office of the Director

Michael U. Rudolphi

Shuttle Propulsion Office

Tereasa H. Washington

Office of Human Capital

NASA Group Achievement Award
NASA Public Service Group Achievement Award
Award External to NASA
One NASA "Center Best" Peer Award

Presenter

James R. Frees

Office of the Chief Counsel

Acknowledgements

David A. King

Director

Finale

Gloria Betts

Office of Chief Financial Officer

Reception in Lobby

2005 HONOR AWARDS
Marshall Space Flight Center
June 1 • 2005 • 10:00 a.m.

Presidential Rank Awards

The President rewards outstanding career Senior Executive Service (SES) members whose achievements are exceptional for an extended period.

Rank of Distinguished Executive

David A. King
Office of the Director

Rank of Meritorius Executive

William A. Hicks
Office of the Chief Counsel

Paul M. Munafo
Office of the Director

Michael U. Rudolphi
Shuttle Propulsion Office



NASA Distinguished Service Medal

The Distinguished Service Medal is the highest honor that NASA confers upon a Government employee. The award is granted only to employees who, by distinguished service, ability, or courage, have personally made a contribution representing substantial progress to the NASA mission in the interest of the United States and are so extraordinary that other forms of recognition by NASA would be inadequate.

David A. King
Office of the Director
Submitted by NASA Headquarters
Received at NASA Headquarters, April 27, 2005

Paul M. Munafo
Office of the Director

Johnny Stephenson, Jr.
Engineering Directorate
Received at NASA Headquarters, April 27, 2005



NASA Distinguished Public Service Medal

NASA's highest honor conferred upon a non-Government individual whose accomplishments contributed substantially to the NASA mission and are so extraordinary that other forms of recognition by NASA would be inadequate.

Francis C. W. Everitt

W. W. Hansen Experimental Physics Labs

Received at NASA Headquarters, April 27, 2005



NASA Outstanding Leadership Medal

The Outstanding Leadership Medal is awarded for notably outstanding leadership that has had a pronounced effect on the technical or administrative programs of NASA. The award is given for an act of leadership or for sustained contributions based on an individual's effectiveness as a leader, the productivity of the individual's program, or demonstrated ability to develop the administrative or technical talents of other employees.

Richard K. Burt

Engineering Directorate

Thomas F. Fleming

Science and Technology Directorate

Robin N. Henderson

Office of the Director

Patrick S. McRight

Engineering Directorate

Neil E. Otte

Engineering Directorate

Nelson C. Parker

Engineering Directorate

Jonathan Q. Pettus

Office of Center Operations

Ronald F. Porter

Space Transportation Programs/Projects Office

Neil E. Rainwater II

Safety and Mission Assurance Directorate

W. Scott Smith

Science and Technology Directorate

James E. Turner

Engineering Directorate



NASA Exceptional Engineering Achievement Medal

The Exceptional Engineering Achievement Medal is awarded to both Government and non-Government individuals for unusually significant engineering contributions toward achievement of the NASA mission. This award may be given for individual efforts or application of engineering principles/methods that have resulted in a contribution of fundamental importance in this field or have significantly enhanced the understanding of this field.

Carl G. Justus (Jere)
Morgan Research Corporation
James J. Lomas
Engineering Directorate



NASA Exceptional Scientific Achievement Medal

The Exceptional Scientific Achievement Medal is awarded for unusually significant scientific contributions toward achievement of the NASA mission. The award is given for individual efforts that resulted in a contribution of fundamental importance in this field or that have significantly enhanced understanding of this field.

Steven T. Suess
Science and Technology Directorate



NASA Equal Employment Opportunity Medal

The Equal Employment Opportunity Medal is awarded to both Government and non-Government individuals for outstanding achievement and material contribution to the goals of NASA's Equal Employment Opportunity Programs either within Government or within community organizations or groups.

Donald O. Frazier
Science and Technology Directorate



NASA Exceptional Service Medal

The Exceptional Service Medal is awarded for significant, sustained performance characterized by unusual initiative or creative ability that clearly demonstrates substantial improvements or contributions in engineering, aeronautics, space flight, administration, support, or space-related endeavors that contribute to the mission of NASA.

Michael D. Allen
Engineering Directorate



NASA Exceptional Service Medal (Continued)

Pamela A. Bourque
Office of the Chief Counsel

James H. Carter
Office of Center Operations

Harold W. Dean
Safety and Mission Assurance Directorate

Michele A. Farr
Engineering Directorate

Clarence R. Gearhart
Office of the Chief Financial Officer

William J. Gentry
Engineering Directorate

David A. Iosco
Office of Procurement

Barron Q. Musick
Engineering Directorate

Creighton M. Seaford
Engineering Directorate

Donna L. Smith
Office of the Chief Financial Officer

Hua-Ching Su
Science and Technology Directorate

Sandra H. Turner
Office of Strategic Communications

Catherine H. White
Engineering Directorate



NASA Exceptional Achievement Medal

The Exceptional Achievement Medal is awarded for significant, specific accomplishments or contributions, clearly characterized by substantial and significant improvements in operations, efficiency, service, financial savings, science, or technology that contribute to the mission of NASA.

James H. Bramblett, Jr.
Office of Human Capital

Thomas M. Danford
Space Systems Programs/Projects Office

Ketela K. Helton
Office of Procurement

Freida S. Lowery
Office of the Director

Angela L. Marsh
Engineering Directorate



NASA Exceptional Achievement Medal (Continued)

Todd A. May

Space Systems Programs/Projects Office

Keith H. Presson

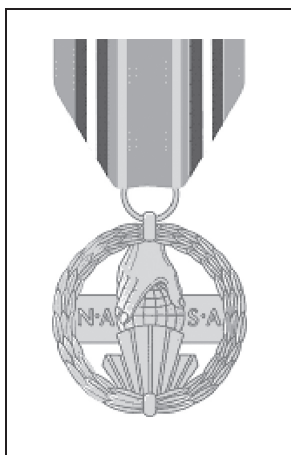
Space Systems Programs/Projects Office

Van L. Strickland

Safety and Mission Assurance Directorate

Isaias Torres

Engineering Directorate



NASA Exceptional Technology Achievement Medal

The Exceptional Technology Achievement Medal is awarded for significant contribution towards achievement of the NASA Mission through individual efforts or accomplishments in early technology development, transfer, and/or commercialization.

Sandra K. Elam

Engineering Directorate



NASA Public Service Medal

The Public Service Medal is awarded to individuals who were not Government employees during the period in which the service was performed. The award is granted for exceptional contributions to the mission of NASA.

Thomas P. Butler

The Boeing Company/Space Systems Programs/Project Office

Peter Cauwels

International Business Machines

Leon McKendrick

*Northrop Grumman Space Technology/Space Systems Programs/
Project Office*

Timothy A. Self

SAIC/Space Transportation Programs/Projects Office

Lois Walton-Jackson

Khotol Services Corporation/Office of Center Operations

NASA Group Achievement Award

Chandra Flight Operations Team
CISCO Internet Operating System Vulnerability Team
Demonstration of Autonomous Rendezvous Technology Guidance, Navigation, and Control Team
Desktop Video Conference Team
Early Flight Fission—Test Facility Team
External Tank Return-to-Flight
Glovebox Integrated Microgravity Isolation Technology Team
Government Relations Outreach Team
Gravity Probe-B Support Team
In Situ Fabrication and Repair Team
In-Space Propulsion Solar Sail Team
Integrated Financial Management Portal Implementation Team
International Space Station Quick Disconnect Anomaly Resolution Team
Lightning Mapping Array Team
NASA Financial Statement Audit Reconciliation Team
NASAexplores Team
National Oceanic and Atmospheric Administration Support Team
Node3 Technical/Schedule Rebaselining Team
Orbiter Boom Sensor System Dynamic Characterization Team
Payload Rack Checkout Unit Team
Physical Sciences Research Outreach and Education Team
SERVIR Team
Shuttle Liftoff Debris Analysis Team
Solid Rocket Booster Separation Bolt Catcher Structural Qualification Testing Team
Space Partnership Development Program Office Team
Space Shuttle Orbiter Flow Liner Dynamic Analysis and Test for Return-to-Flight
Space Shuttle Orbiter Structural Dynamics Analysis and Test for Rollout Fatigue Environment
Vehicle Integrated Performance Analysis Team
X-37 Guidance, Navigation, and Control Team

Public Service Group Achievement Award

Chandra X-Ray Center Director's Office Team

Chandra X-Ray Center Science Software Development Team

Huntsville Operations Support Center Systems and Network Management Team

International Space Station Water Processor Assembly and Oxygen Generator Assembly Contract

Management Team

MSFC Security Training Team

NASA Explorer Schools Team

Award External to NASA

William M. McMahon

Engineering Directorate

National Space Club Astronautics Engineer of the Year Award

One NASA "Center Best" Peer Award

In-Space Propulsion Technologies Projects Team

Master of Ceremonies

Larry Lechner
COLSA Corporation

Program

2 p.m.

Prelude

America the Beautiful

Audience

Kim Jones/Engineering Directorate

Welcome

Introduction of Keynote Speaker

David A. King

Director

Keynote Address

James L. Jennings

Associate Deputy Administrator for Institutions and Management

Entertainment

Rick and Elizabeth Jones

Southern Elegance Dance Studio

Video Presentation

Order of Presentation

MSFC Director's Commendation Certificate

MSFC Certificate of Appreciation

MSFC Group Achievement Award

Presenters

Robin N. Henderson

Office of the Director

Pete I. Rodriguez

Engineering Directorate

MSFC Research and Technology Award

MSFC Technology Transfer Award

MSFC Patent Award

MSFC Inventor of the Year Award

MSFC Software of the Year Award

Presenter

Audrey D. Robinson

Office of Equal Opportunity

Acknowledgements

David A. King

Director

Finale

Gloria Betts

Office of Chief Financial Officer

Reception in Lobby

2004 HONOR AWARDS
Marshall Space Flight Center
June 1 • 2005 • 2:00 p.m.

MSFC Director's Commendation Certificate

Robert B. Adams
Space Transportation Programs/Projects Office

Geoffrey S. Beech
Engineering Directorate

David E. Brock
Office of Procurement

Sigrid R. Burge
Office of the Chief Financial Officer

Michael D. Butler
Shuttle Propulsion Office

Thomas D. Byrd
Shuttle Propulsion Office

Connie K. Carrington
Space Systems Programs/Projects Office

Pamela C. Chabelal
Office of the Chief Financial Officer

Norma R. Dugal-Whitehead
Engineering Directorate

Rebecca Farr
Engineering Directorate

Joan G. Funk
Space Transportation Programs/Projects Office

Gary G. Genge
Space Transportation Programs/Projects Office

Ethel Grady
Safety and Mission Assurance Directorate

Helen L. Grant
Science and Technology Directorate

Danny M. Holt
Shuttle Propulsion Office

Prince M. Kalia
Safety and Mission Assurance Directorate

Emily O. Kendall
Science and Technology Directorate

Jerald G. Kerby
Office of the Chief Financial Officer

Lynnette Madison
Office of Strategic Communications

Jennifer McCaghren
Office of Procurement

Preston B. McGill
Engineering Directorate

Rajinder S. Mehta
Engineering Directorate

Roxanne E. Melton
Office of Procurement

Dianne G. Miller
Safety and Mission Assurance Directorate

Robert T. Miller
Office of Center Operations

Jeremy D. Myers
Engineering Directorate

Johnny M. Oddo
Engineering Directorate

Victor E. Pritchett
Engineering Directorate

Douglas Rickman
Science and Technology Directorate

Jack Robertson
Office of Strategic Communications

Larry Schneider
COLSA/Engineering Directorate

Sharon T. Scroggins
Office of Center Operations

Timothy A. Smith
Space Systems Programs/Projects Office

Karen L. Spanyer
Space Transportation Programs/Projects Office

Chad A. Summers
Engineering Directorate

Larry K. Taormina
Engineering Directorate

Allison P. Thompson
Office of the Chief Information Office

William A. Till
Engineering Directorate

MSFC Director's Commendation Certificate (Continued)

Joseph M. Verhage
Space Transportation Programs/Projects Office
Douglas N. Wells
Engineering Directorate
Mark E. West
Engineering Directorate
Robert J. Wingate
Engineering Directorate
Gregory M. Wright
Space Systems Programs/Projects Office

MSFC Certificate of Appreciation

Bryan L. Barley
Office of the Director
Joseph Bell
ERC/Engineering Directorate
Sandra J. Blalock
Engineering Directorate
Amy B. Campbell
Office of Procurement
Loc T. Cao
Engineering Directorate
Bowes Channel
HEI/Safety and Mission Assurance Directorate
Jeppy L. Clayton
Engineering Directorate
Darrell W. Davis
Engineering Directorate
Susan Davis
Engineering Directorate
Henry Jay Dennis
Shuttle Propulsion Office
Jason Elmore
Engineering Directorate
Jeffery Farmer
Engineering Directorate
Lou A. Fikes
Science and Technology Directorate
John C. Forbes
Engineering Directorate
Trista R. Guthrie
Engineering Directorate
Kathryn C. Hayden
Space Transportation Programs/Projects Office

MSFC Certificate of Appreciation (Continued)

Johnny L. Heflin
Shuttle Propulsion Office
Kathy G. Huskey
Office of the Chief Financial Officer
Gregory A. Jerman
Engineering Directorate
Steven D. Jones
Sverdrup/Engineering Directorate
Thomas E. Markusic
Science and Technology Directorate
Kevin S. McCarley
Space Systems Programs/Projects Office
Denise McCaul
ASRI/Office of Human Capital
Donald L. Miller
Safety and Mission Assurance Directorate
James D. Moore
Shuttle Propulsion Office
John Morris (Rusty)
Morgan Research/Engineering Directorate
Pamela A. Napoletano
Office of Procurement
Richard E. Norman
Engineering Directorate
Elizabeth K. Nunn
Space Systems Programs/Projects Office
Robert H. Polsgrove
Engineering Directorate
Susan Porter
Mainthia/Office of Human Capital
Robert H. Rutherford, Jr.
Office of Center Operations
David A. Schaefer
Science and Technology Directorate
Charlotte F. Schrimsher
Office of Center Operations
Joseph B. Solomon
Office of Center Operations
Barbara Ann Stone-Towns
Office of Chief Financial Officer
Jason A. Vaughn
Engineering Directorate
Clara Welch
Space Systems Programs/Projects Office

MSFC Certificate of Appreciation (Continued)

Sorita B. Wherry
Space Transportation Programs/Projects Office
Jennifer K. Whitworth
TBE/Engineering Directorate
DeLisa L. Wilkerson
Engineering Directorate
Monica C. Williams
Office of Procurement

MSFC Group Achievement Award

2003 A&M High School Senior Day Team
2004 Take Our Children to Work Day Team
Commercial Accounting Team
Demonstration of Autonomous Rendezvous
Technology Advanced Video Guidance
Systems Software Development Team
Environmental Control & Life Support Systems
Operations Development Team
External Tank PAL Ramp Test and Analysis Team
Friction Stir Welding Team
Heating, Ventilation, and Air Conditioning
Operations Team
High Pressure Oxygen Turbopump Knife Edge
Seal Anomaly Resolution Team
Integrated Powerhead Demonstrator Oxygen Rich
Preburner Test Team
*International Space Station Carbon Dioxide
Removal Assembly Filter Development Team*
Marshall Space Flight Center Disposal Team
Marshall Space Flight Center Return-to-Flight
Move Team
MSFC Logistics Service Request System Team
Natural Environment Definition for Design Team
Office of Safety and Mission Assurance
Independent Assessment Team
Patchlink Implementation Team
Payload and Components Real-Time Automated
Test System Team
Payload Planning System Reengineering Team
Program Control Training Team
Return-to-Flight Independent Assessment Team
SHIVA Mechanisms/Nonpropulsive Fluids
Systems Team

MSFC Group Achievement Award (Continued)

Short-Term Prediction Research and Transition
Team
SSME Controller F60 Anomaly Resolution Team
SSME Liquid Air Insulation Improvement Team
TD Business Review Team
Test Project Team—at the Hydrogen Cold Flow
Facility
XD Administrative Office Team

MSFC Research and Technology Award

Dean C. Alhorn
Engineering Directorate
Ronald D. Beshears
Engineering Directorate
Jeri M. Briscoe
Engineering Directorate
David A. Gwaltney
Engineering Directorate
Jay L. Perry
Engineering Directorate
Samuel S. Russell
Engineering Directorate
Stephen M. Strickland
Engineering Directorate
Frank Thomas
Engineering Directorate
Kristin M. Tomes
Engineering Directorate
James Walker
Engineering Directorate

MSFC Technology Transfer Award

Eric L. Corder
Engineering Directorate
Paul Hale
TRAX/Engineering Directorate
Carl G. Justus, (Jere)
Morgan Res. Corp./Engineering Directorate
Sammy A. Nabors
Engineering Directorate
Harry F. Schramm
Engineering Directorate
Mitch Ward
Engineering Directorate

MSFC Patent Award

Michael Book

Engineering Directorate

Thomas Bryan

Engineering Directorate

Jonathan Campbell

Space Systems Programs/Projects Office

Robert W. Carter

Engineering Directorate

Richard Dabney

Engineering Directorate

Susan Elrod

Engineering Directorate

Hector Estrada

Engineering Directorate

Kenneth Fernandez

Science and Technology Directorate

Donald Ford

Shuttle Propulsion Office

Richard Grugel

Science and Technology Directorate

Phillip Hall

Engineering Directorate

Richard Howard

Engineering Directorate

Alok Majumdar

Engineering Directorate

Paul Patterson

Engineering Directorate

Harry F. Schramm

Engineering Directorate

William H. Sims

Science and Technology Directorate

Stanley Smeltzer

NASA/Langley Research Center

MSFC Invention of the Year Award

Thomas K. Delay

Engineering Directorate

MSFC Software of the Year Award

Daniel J. Dorney

Engineering Directorate

Douglas L. Sondak

Boston University

Acknowledgements

James L. Jennings
David A. King
Larry Lechner
Kim A. Jones
Rick and Elizabeth Jones
Stacie Yarbrough
Charles B. Chitwood
Michael U. Rudolphi
Tereasa H. Washington
James R. Frees
Robin N. Henderson
Pete I. Rodriguez
Audrey Robinson

Keynote Speaker, NASA Headquarters
Welcome/Introduction of Keynote Speaker/Acknowledgements
Master of Ceremonies
America the Beautiful—Engineering Directorate
Southern Elegance Dance Studio
Sign Interpreter—Alabama Institute for the Deaf and Blind
Presenter—Office of the Director
Presenter—Shuttle Propulsion Office
Presenter—Office of Human Capital
Presenter—Office of the Chief Counsel
Presenter—Office of the Director
Presenter—Engineering Directorate
Presenter—Office of Equal Opportunity

Office of Center Operations

Becky Caneer

Printing Technology Advice

UNITeS

Program/Invitations/Banner—Graphics, Preparation of
Certificates, Printing Invitations and Program, Marshall
Television/Imaging Services

Mainthia

Clerical Support/Framing of Certificates

Administrative Officers

Centerwide

Office of the Chief Counsel

Lisa Hughes
Abbie Johnson
Phyllis Olinger

Registration of Recipients
Monitoring Certificates as Presented
Registration of Honorees

Office of Strategic Communications

Office of Human Capital

A Note of Thanks From the Awards Office Personnel

We extend our thanks to Mr. James L. Jennings, Associate Administrator for Institutions and Management, NASA Headquarters; our Center Director, Mr. David A. King; the award presenters; and to all who contributed to this event. To the honorees, thanks for your participation in this ceremony, and we wish you much continued success in the future.

